505912295 02/12/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
UTSAV D. DAVE	06/27/2018

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF COLUMBIA UNIVERISTY IN THE CITY OF NEW YORK			
Street Address:	535 WEST 116TH STREET			
Internal Address:	412 LOW MEMORIAL LIBRARY			
City:	NEW YORK			
State/Country:	NEW YORK			
Postal Code:	10027			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16626616

CORRESPONDENCE DATA

Fax Number: (215)568-3439

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: BAKER & HOSTETLER LLP

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	101879.000113
NAME OF SUBMITTER:	VALERIE CHICCHI
SIGNATURE:	/Valerie Chicchi/
DATE SIGNED:	02/12/2020

Total Attachments: 3

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PATENT 505912295 REEL: 051793 FRAME: 0525

DOCKET NO.: 101879.000066 / CU17260

ASSIGNMENT

WHEREAS, I, Utsav D. Dave, a citizen of India, residing at 1046 Amsterdam Avenue, Apt. 6, New York, New York 10025, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 101879.000066 / CU17260 ("the invention"), assigned application number PCT/US2018/039546 filed on June 26, 2018, entitled RESONANCE-FREE LIGHT RECYCLING IN WAVEGUIDES ("the subject application");

AND WHEREAS, The Trustees of Columbia University in the City of New York, ASSIGNEE, having a place of business at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention entitled RESONANCE-FREE LIGHT RECYCLING IN WAVEGUIDES, and any and all improvements thereto, and in and to the application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues or re-exams thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY represent and warrant that I have the full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, licens, or right heretofore given; and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

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representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 27 TH day of JUNE, year of 2018.

Signature – Utsav D. Dave

STATEMENT OF WITNESS

SIGNED at New York		New York	USA		
	(City)	(State)	(Country)		

This 27 day of June , 2018.

Ι,	Asee.	ma	Mohan	hy			whose	full reside	ence address is	
	<i>5</i> 22	W.	112 St.	Apt.	52,	New	York.	,NY	10025	· · · · · · · · · · · · · · · · · · ·

was personally present and did see Utsav D. Dave execute the above assignment on the 27 day of Juke, 2018, and such assignor is personally known to me to be the person described in such document.

Olseehre Chokan Signature of Witness DOCKET NO.: 101879.000066 / CU17260

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of

Just , 20 18.

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

Name:

Title:

Thomas H. Burrows Jr., J.D.

Associate General Counsel Columbia University New York, N.Y. U.S.A. (212) 854-9881